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UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Charles Ruelke

GROUP ART UNIT: 2817

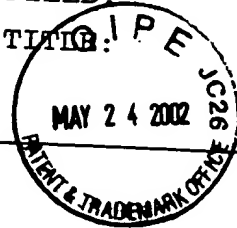
APPLN. NO.: 09/307,443

EXAMINER: Lee, B.

FILED: May 10, 1999

TITLE: **! P E**
MULTI-LAYEED INDUCTIVELY COUPLE HELICAL
DIRECTIONAL COUPLER

EXPEDITED PROCEDURE UNDER 37 CFR 1.116



Certificate of Mailing

Date of deposit: October 18, 2001

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached thereto, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C.

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RESPONSE UNDER 37 CFR 1.116

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed May 18, 2001, and Examiner's comments with regard thereto, please amend and reconsider the above-identified patent application in view of the amendments and remarks presented hereinafter.

IN THE SPECIFICATION:

On page 3, delete paragraph 2 and insert the following paragraph 2:

FIG. 2 illustrates a 3-D multi-plane coupling structure of the prior art with the associated upper and lower coupling plates 200 and 202 with current vectors (" i_0 " and " i_2 ", respectively). The coupling plates 200 and 202 have an H-field generated by RF current " i_1 " propagating along transmission line 201 that induces H-fields of like polarity on coupling plates

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